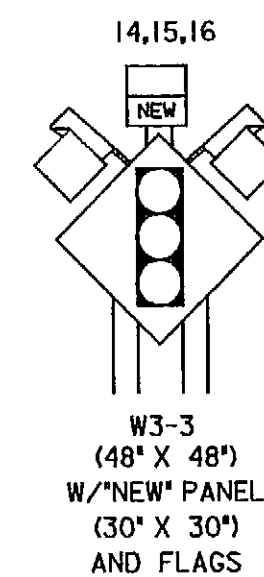
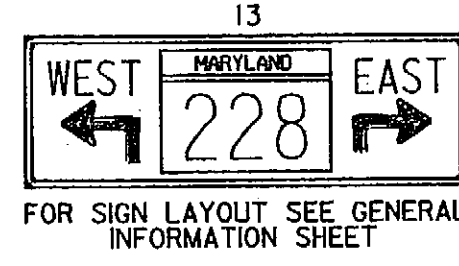
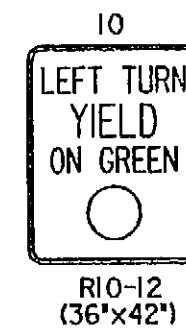
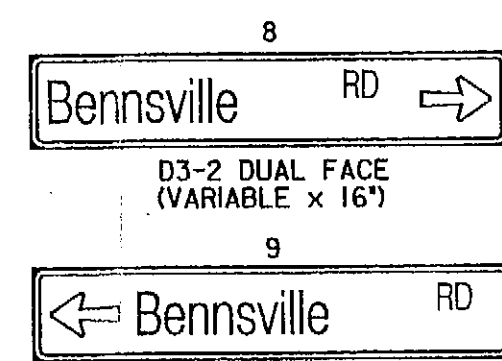
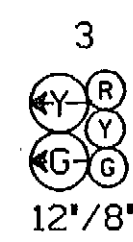
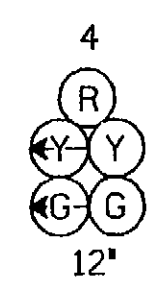
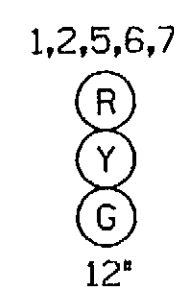


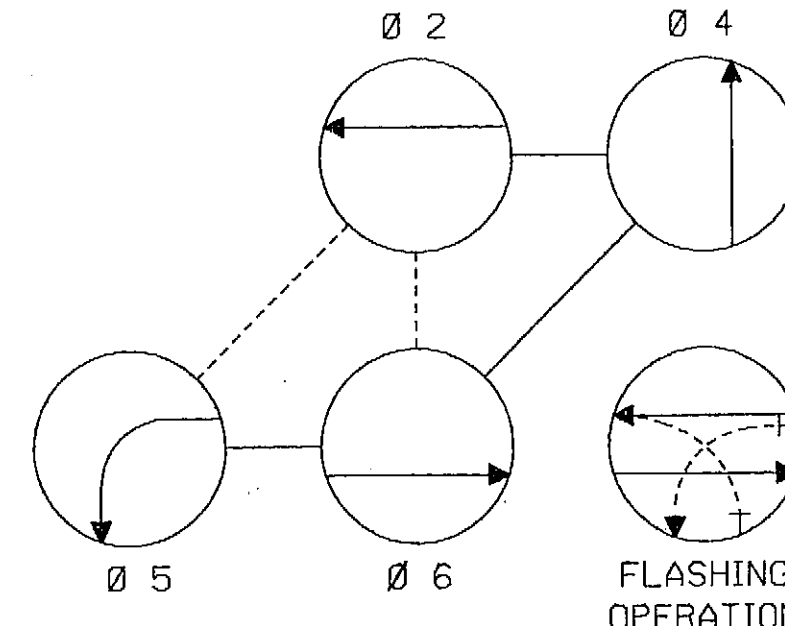
SIGNS



SIGNAL HEADS



NEMA PHASING



PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

MATCH LINE - SEE SHEET TS-3554

MD 228

MD 228

BENNSVILLE RD.

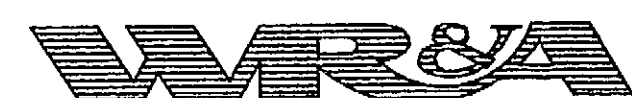
CONSTRUCTION DETAILS

- INSTALL 27 FT. STEEL POLE WITH TWIN 64 FT./50 FT. MAST ARMS. SIGNAL HEADS, SIGNS, OPTICOM DETECTOR EYE, 15 FT. STREET LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- INSTALL 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, SIGNAL HEADS, SIGNS, OPTICOM DETECTOR EYE, 15 FT. STREET LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 1-2 IN. SCHEDULE 40, 1-2 IN. SCHEDULE 80 AND 2-4 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
- INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (2-4-2).
- INSTALL MICROLOOP PROBE SET.
- INSTALL HANDHOLE.
- INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- INSTALL 2 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
- INSTALL 4 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
- INSTALL 24 IN. PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
- INSTALL NEMA SIZE "5" BASE MOUNTED CABINET AND MASTER CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 1-2 IN. SCHEDULE 40, 1-2 IN. SCHEDULE 80 AND 2-4 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
- INSTALL W3-3 SIGN (48 IN. X 48 IN.) ON TWO TREATED WOOD POSTS APPROXIMATELY 700 FT. IN ADVANCE OF THE INTERSECTION ON MD 228 AND 475 FT. IN ADVANCE OF THE INTERSECTION ON BENNSVILLE ROAD.

RIGHT-OF-WAY LINE

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	— A —
ELECTRICAL	— E —
TELEPHONE	— T —
GAS	— G —
SEWER	— S —
WATER	— W —
CABLE TV	— TV —



Whitman, Reardon & Associates
ENGINEERS AND PLANNERS
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS

NO.	DESCRIPTION

APPROVALS

CHIEF, SIGNAL DESIGN SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

REVISIONS

NO.	DESCRIPTION



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 228 AND BENNSVILLE RD.

DATE: 10-4-95
SCALE: 1" = 20'
APPROVED BY:

DRAWN BY: S. BLOSS
DESIGNED BY: T. DAYDEL
CHECKED BY: J. SHANNAN

F.A.P. NO.
S.H.A. NO.
COUNTY: CHARLES

PLAN SHEET NO.: TS-3553
SHEET NO. OF